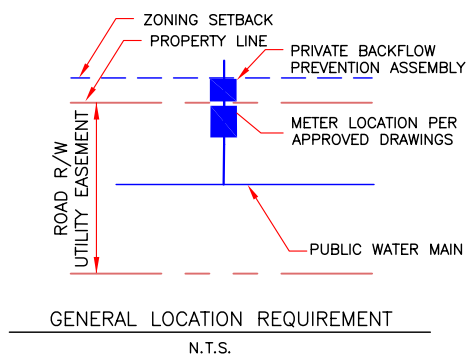


#### GENERAL NOTES:

1. THE 2-INCH WATER SERVICE SHALL BE INSTALLED BY THE CITY OF CONCORD, IF CONNECTION IS TO BE MADE TO AN EXISTING WATER MAIN. ALL OTHER PROPOSED CONNECTIONS SHALL BE MADE BY A NORTH CAROLINA REGISTERED AND LICENSED CONTRACTOR UNDER THE SUPERVISION OF AUTHORIZED CITY OF CONCORD STAFF.  
2-INCH TAPPING SADDLE: 2-INCH TAPPING SADDLES SHALL BE BRASS MANUFACTURED BY FORD "S-70", MUELLER "H-134-20", OR EQUAL. 6-INCH TO 12-INCH TAPPING SADDLE SHALL BE DOUBLE STRAP, STAINLESS STEEL, EPOXY OR NYLON COATED; OR SOLID BRASS MANUFACTURED BY SMITH BLAIR "317" OR ROMAC "202N". CORPORATION STOPS SHALL BE HIGH PRESSURE RATED AT 150 PSI BRASS COMPRESSION FITTING TYPE WITH STANDARD THREADS FOR INSERTION INTO THE TAPPING SADDLE AND WITH SERVICE PIPE CONNECTION INCLUDING COUPLING AND GASKET. CORPORATION STOPS MANUFACTURED BY MUELLER "H-25008" OR A FORD EQUIVALENT.
2. 2-INCH DIAMETER BRASS PIPE OR WITH CITY APPROVAL HDPE SDR#9 200PSI RATED WITH TRACING WIRE AND WITH EITHER "FRIALEN" ELECTROFUSION COUPLING FITTINGS "2"IPS-SDR#9" OR 2"IPSX2"IPS BRASS WITH PROTECTIVE SLEEVES BY "INDEPENDENT PIPE PRODUCTS" AND 2" BRONZE 90-DEGREE ELBOWS, AS APPLICABLE.
3. GATE VALVE SHALL BE 2-INCH EPOXY COATED CAST IRON RESILIENT WEDGE FIP TO FIP CONNECTION MANUFACTURE AMERICAN FLOW CONTROL MODEL "304SS" OR MUELLER EQUIVALENT.
4. STANDARD VALVE BOX PROTECTION WITH 2'-0" X 2'-0" CONCRETE PROTECTOR RING, CAST IRON IN ACCORDANCE WITH THE WATER & SEWER AUTHORITY OF CABARRUS COUNTY (WSACC) TECHNICAL STANDARDS MANUAL AND DETAILS
5. 4 TO 6-INCHES OF WASHED STONE IN METER BOX BASE AND FOOTINGS.
6. 2-INCH BRASS METER VALVE FLANGE MANUFACTURED BY FORD "BFA13-777W" OR EQUAL.
7. RADIO READ METER ASSEMBLY INSTALLED BY THE CITY OF CONCORD. ALL APPURTENANCES FOR THE INSTALLATION OF THE WATER METER; THE METER, BRASS GROUND LOCKABLE METER CUTOFF, GASKETS, AND EXPANSION CONNECTION; SHALL BE INSTALLED BY THE CITY OF CONCORD
8. METER BOX SHALL BE MID STATE PLASTICS OR EQUAL BOX MSBCF-1730-18XL AND LID MSCBS-1730-RTR. METER BOX RIM SHALL BE SET FLUSH WITH FINISH GRADE. METER BOX ASSEMBLY SHALL NOT BE LOCATED WITHIN A ROAD, STREET, DRIVEWAY, SIDEWALK OR DRAINAGE FEATURE.
9. 12-INCH BRASS NIPPLE PAST BOX
10. REQUIRED BACKFLOW PREVENTION ASSEMBLY IN ACCORDANCE WITH THE CITY OF CONCORD CROSS-CONNECTION CONTROL ORDINANCE.



FINAL METER LOCATION TO BE IN COMPLIANCE WITH THE APPROVED DRAWINGS & CITY OF CONCORD ORDINANCE

			WATER METER STANDARD DETAIL		
			2-INCH COMMERCIAL WATER SERVICE METER		
No.	Date	By	REVISION		
1.	9/7/07	SVM	CONTINUOUS PIPE & CONNECTION		
Drawn By:	Checked By:	Approved By:	Date	Sht	of
SVM	PLK	MSH	03/06		